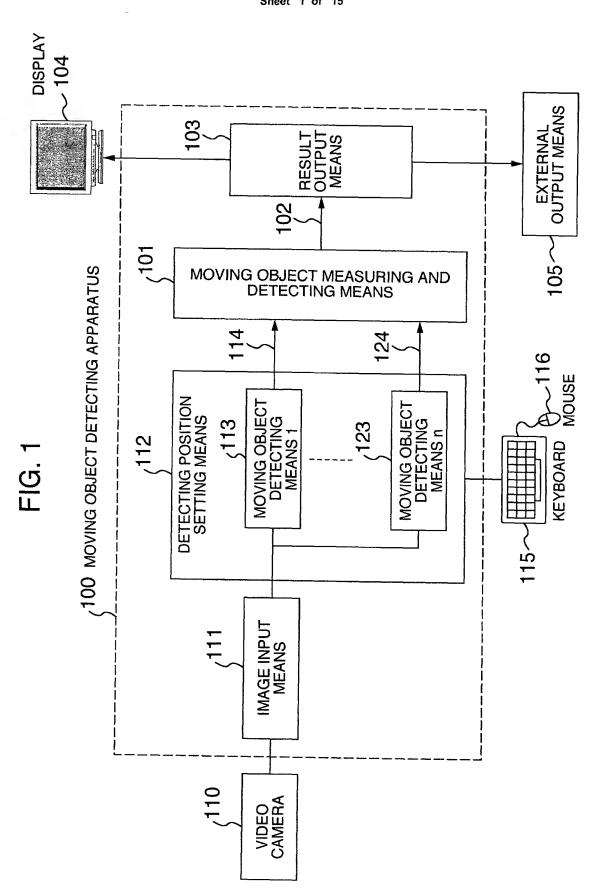
Applicant: Yoshinobu Hagawara, et al.

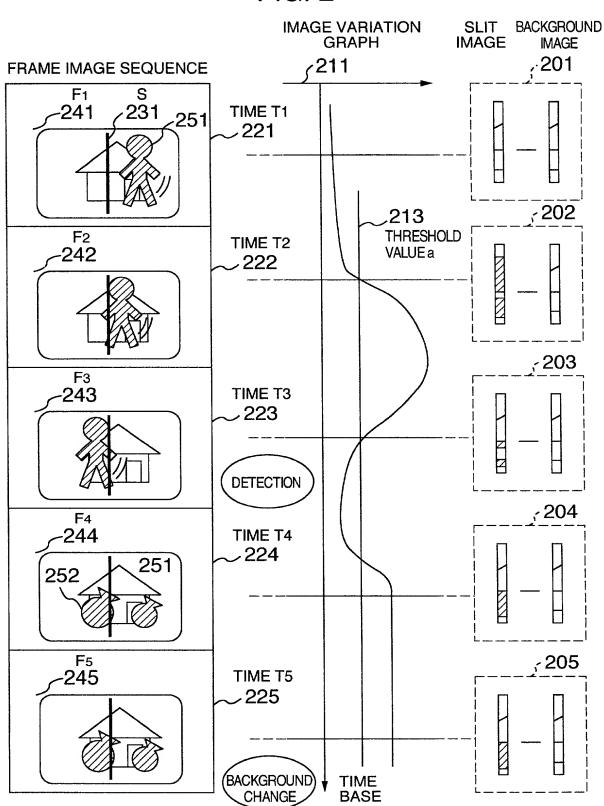
Title: Method of Detecting and Measuring a Moving Object and...

Atty Docket No. 16869S-030500 Sheet 1 of 15



Atty Docket No. 16869S-030500 Sheet 2 of 15

FIG. 2

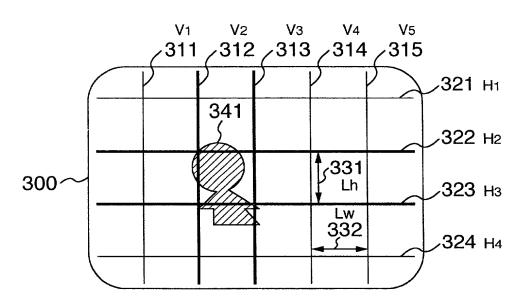


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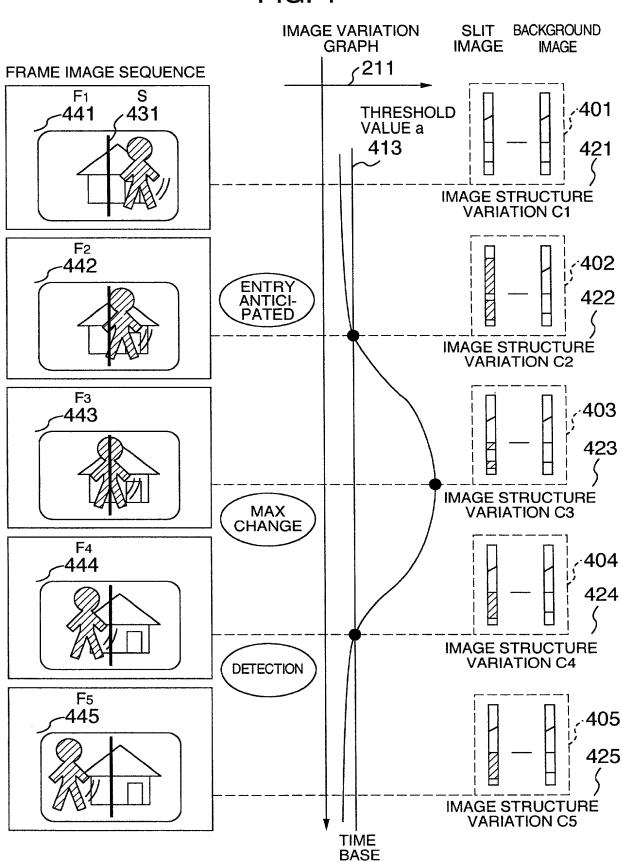
Atty Docket No. 16869S-030500 Sheet 3 of 15

FIG. 3



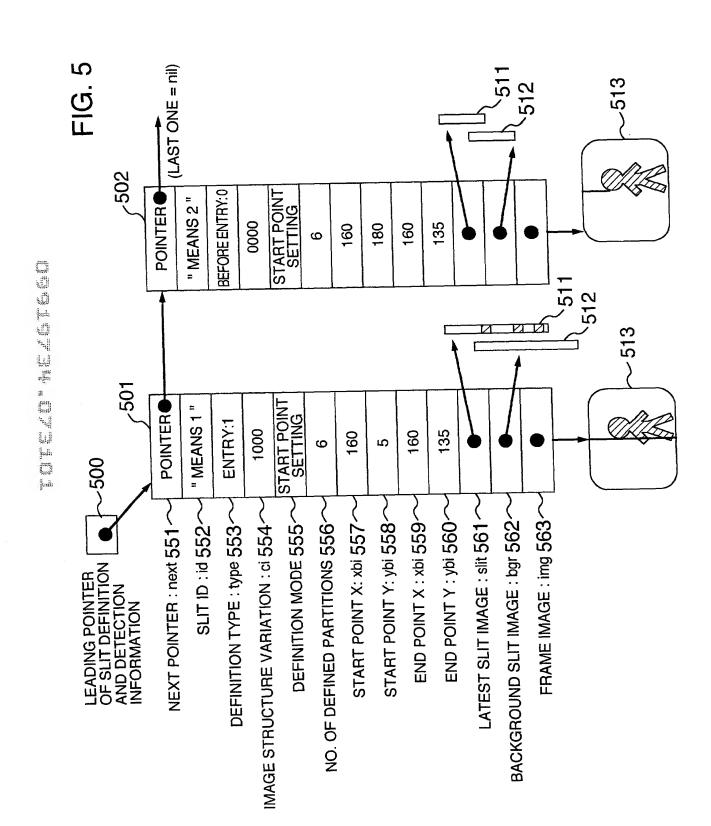
Atty Docket No. 16869S-030500 Sheet 4 of 15

FIG. 4



Atty Docket No. 16869S-030500

Sheet 5 of 15



Atty Docket No. 16869S-030500 Sheet 6 of 15

DETECTION DETECTION TYPE OF PARTITION 3 PARTITION 4 615 BITS OF NO. OF DEFINED PARTITIONS 614 0 0 612 611 DETECTION I TYPE OF PARTITION 1 610

Atty Docket No. 16869S-030500 Sheet 7 of 15

1.9m AND OVER 11111  $1.8 \mathrm{m}^{\sim}$ UNDER 1.9 $\mathrm{m}$ 111110 0 1.7m∼ UNDER 1.8m HEIGHT INFORMATION 111100 0 0 **UNDER 1.7m** 1.6m~ 111000 0 0 0 **UNDER 1.6m** 110000 0 0 0 0 BEFORE PASSING 000000 0 0 0 0 0 0 **7007** MEASUREMENT CODE DEFINED RANGE 0.0~2.0m 0.0~1.6m 1.6~1.7m 1.7~1.8m 1.9~2.0m 1.8~1.9m 701 SLT NO. **V**5 9 ۷2 8 ≯ 5

0 : BEFORE ENTRY 1 : ENTRY

		1.9m AND OVER	•	_	-
52.4 25.4		1.8m∼ UNDER 1.9m	-	-	<b>—</b>
800~~0810	HEIGHT INFORMATION	1.7m~ UNDER 1.8m	-	-	<del></del>
	HEIGHT INF	1.6m∼ UNDER 1.7m	•	-	•
		UNDER 1.6m		-	0
		BEFORE PASSING	0	0	0
0		DEFINED	0.0~2.0m	0.0~2.0m	1.6~2.0m
FIG. 8		SLIT NO.	Λο	7	V2

0 : BEFORE ENTRY 1 : ENTRY

11111

111110

111100

111000

110000

000000

MEASUREMENT CODE

0

0

0

1.9~2.0m

**V**5

0

0

0

0

0

1.8~2.0m

**\** 

0

0

1.7~2.0m

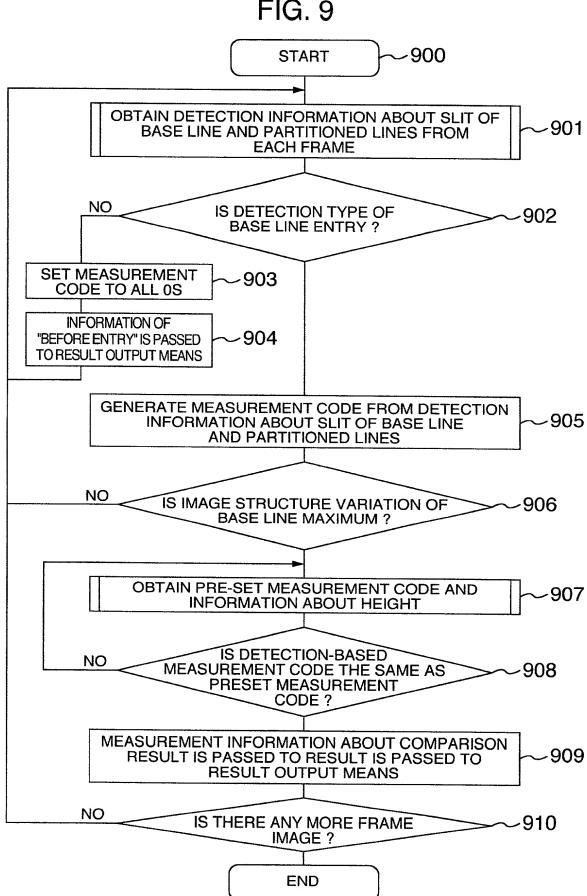
/3

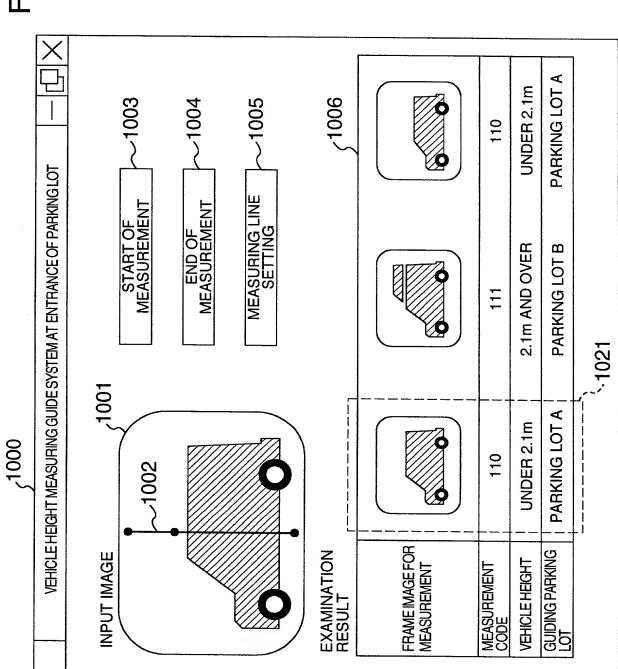
Applicant: Yoshinobu Hagawara, et al.

Title: Method of Detecting and Measuring a Moving Object and...

Atty Docket No. 16869\$-030500 Sheet 9 of 15

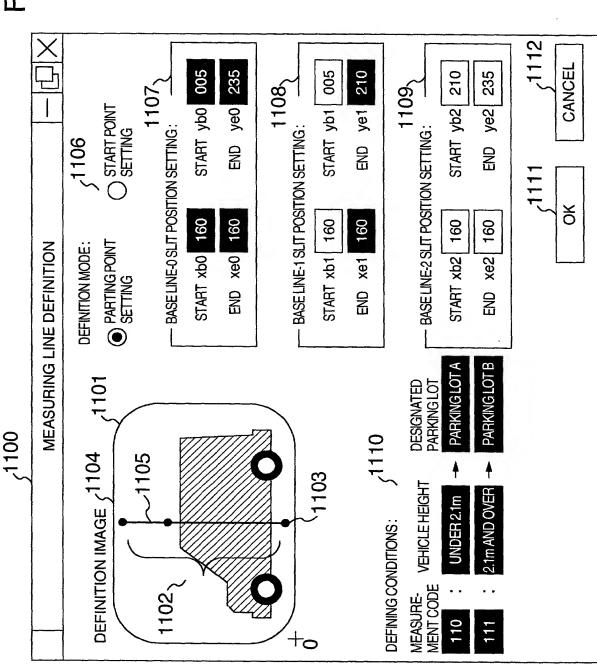
FIG. 9

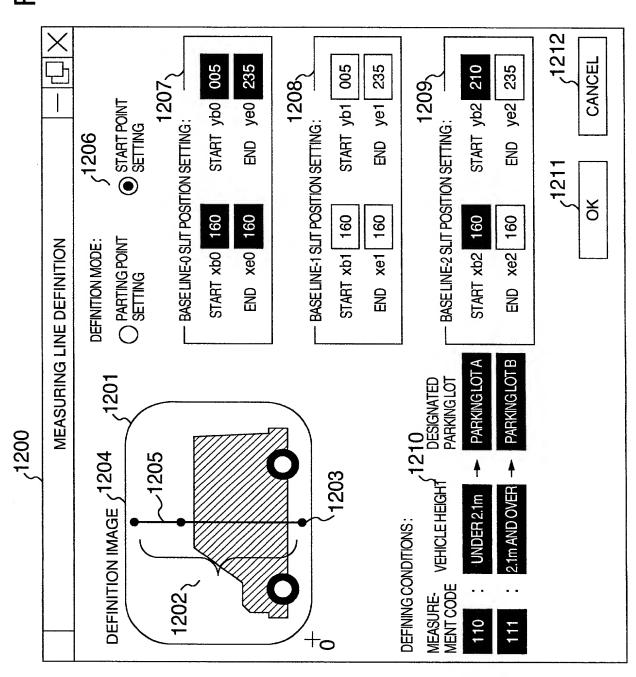




Sheet 11 of 15

FIG. 11





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Title: Method of Detecting and Measuring a Moving Object and...

Atty Docket No. 16869S-030500

Sheet 13 of 15

## FIG. 13A

SLIT

P1----PN: ILLUMINATION OF EACH IMAGE

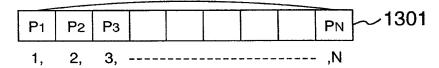


FIG. 13B

**BACKGROUND SLIT** 

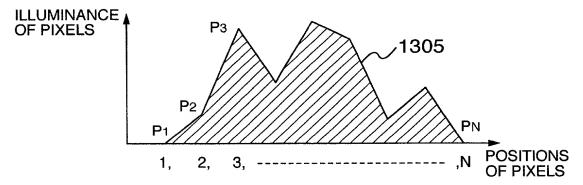
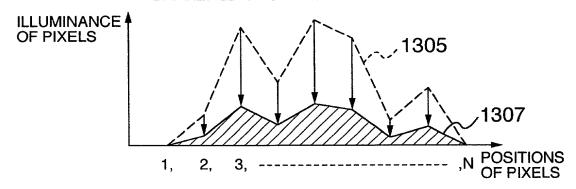


FIG. 13C

CHANGES IN SLIT PROFILE WHEN THE IMAGE IS DARKENED BY SHADOW OR THE LIKE



## FIG. 14A SLIT IMAGE EXPRESSED BY VECTOR NOTATION

## FIG. 14B SLIT IN VECTOR SPACE

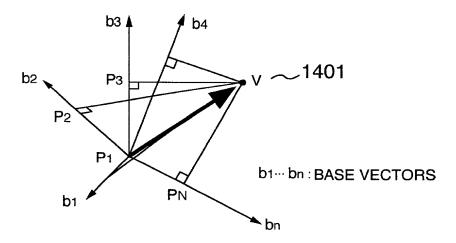
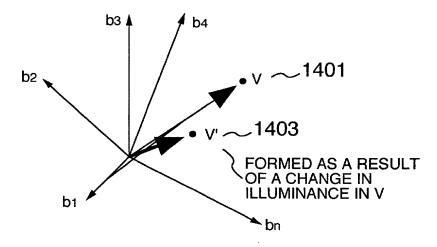


FIG. 14C CHANGES IN SLIT VECTORS WHEN THE IMAGE IS DARKENED BY SHADOW OR LIKE



Sheet 15 of 15

FIG. 15

